

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 June 2004 (10.06.2004)

PCT

(10) International Publication Number
WO 2004/048955 A2

(51) International Patent Classification⁷: **G01N 27/00**

(21) International Application Number:
PCT/GB2003/005126

(22) International Filing Date:
25 November 2003 (25.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0227686.3 27 November 2002 (27.11.2002) GB
0316642.8 16 July 2003 (16.07.2003) GB

(71) Applicant (for all designated States except US): **CITY TECHNOLOGY LIMITED** [GB/GB]; City Technology Centre, Walton Road, Portsmouth PO6 1SZ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DAVIES, David, Frank** [GB/GB]; 23 Bilberry Close, Locks Heath, Southampton SO31 6XX (GB). **ANDREWS, Ian, Paul** [GB/GB]; 29 Lakeside Avenue, Baffins, Portsmouth PO3 6EZ (GB). **COWBURN, Anthony, Richard** [GB/GB];

19 Velmore Road, Chandlers Ford, Eastleigh SO53 3HD (GB). **CUTLER, Stuart, Christopher** [GB/GB]; 6 Rosebay Close, Horton Heath, Winchester, Hampshire SO50 7PN (GB).

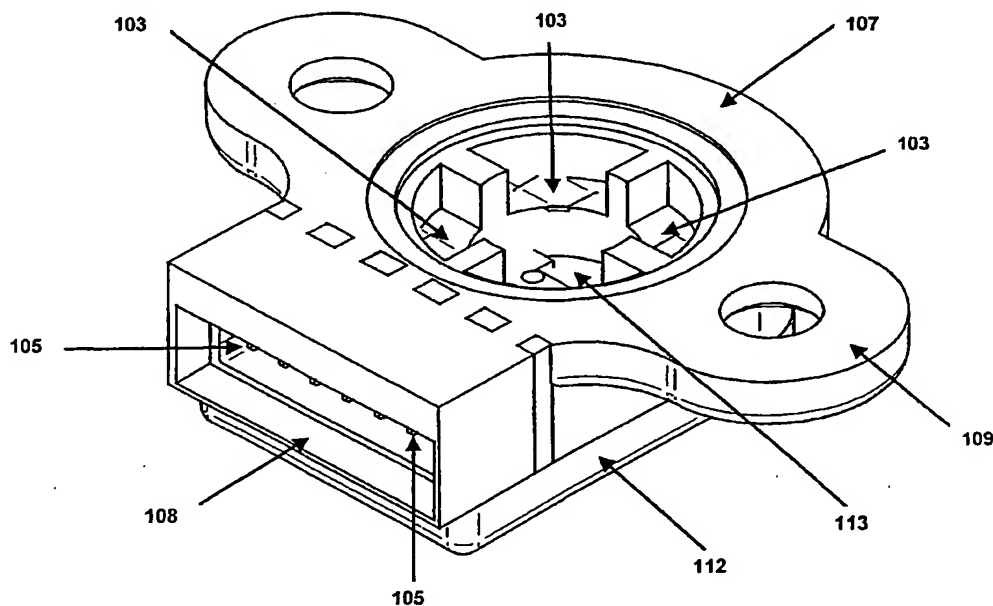
(74) Agent: **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: GAS SENSING DEVICE



(57) Abstract: A device for sensing a gas comprises a plastics housing (106, 107) moulded in situ around at least one portion of a conducting lead frame (100), the housing defining an enclosure (113) and being provided with means for enabling gas flow into the enclosure. A gas sensitive element (114) within the enclosure (113) is mounted to the conducting lead frame (100). The conducting lead frame (100) comprises connection leads which are accessible through, and at least partially encapsulated by, the wall of the housing.

WO 2004/048955 A2



Published:

- without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.